



Figure S1. Co-localization of PAR with SGs. Representative confocal images of Hela cells transfected with either siRNA (si-PARG) or scrambled siRNA (si-Ctrl) and treated with either PBS (no stress) or 100 μ M arsenite (stress) for 30 min. All cells are examined by immunocytochemistry with the anti-G3BP for SGs and the anti-PAR. And, the merge images with the DAPI staining for DNA (blue) are shown. PAR signals are mainly detected in the nucleus. The PAR levels are markedly increased when PARG is downregulated by si-PARG. Of note, the arsenite treatment does not cause an evident PARylation increase, at least not at the conditions tested in the current study. Arrowheads indicate PAR⁺ SGs, which are increasingly evident with the si-PARG. Scale bar: 5 μ m.